

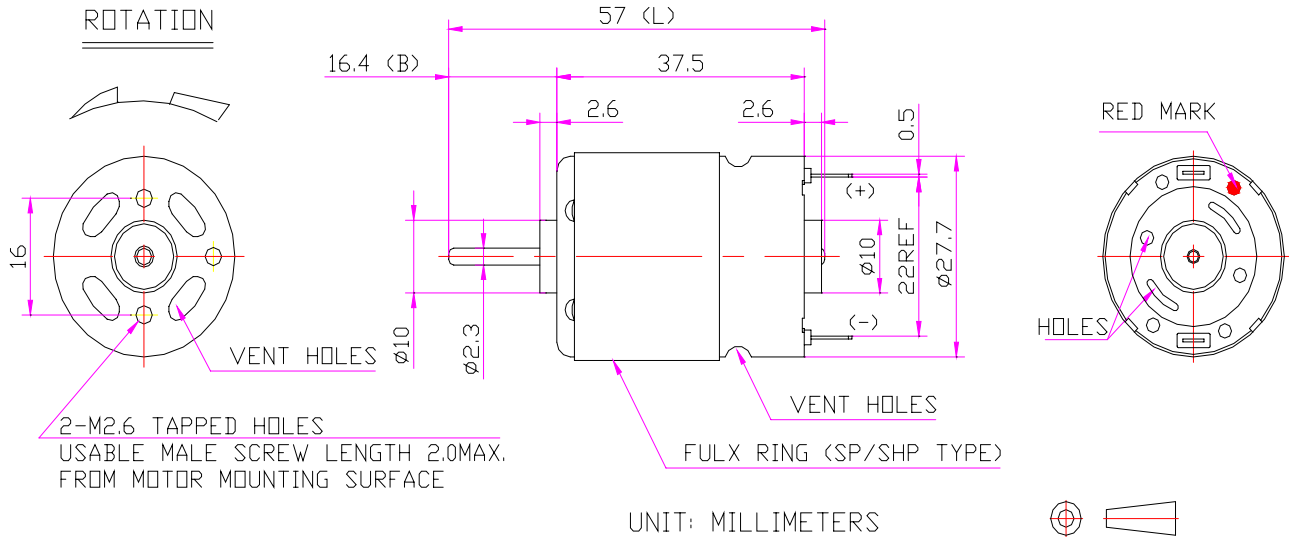


**KINDLY  
MOTOR**

PMDC Carbon Brush Motor

**KC385 Series**

Bearings                Sleeve  
 Number of poles    3  
                               Internal Disk Varistor, Internal Capacitor  
 EMC Suppression    (optional)  
 Standard Shaft (L)  47, 51, 57, 62, 64.5, 69.5



**KC385SH/ KC385SHP with metal end cap. Plastic end cap also available.**

| Model                  | Voltage           |                    | No Load   |            | At Maximum Efficiency |            |             |          |        | Stall       |            |
|------------------------|-------------------|--------------------|-----------|------------|-----------------------|------------|-------------|----------|--------|-------------|------------|
|                        | Operating Voltage | Nominal (Constant) | Speed rpm | Current A. | Speed rpm             | Current A. | Torque g-cm | Output W | Eff. % | Torque g-cm | Current A. |
| KC385SH-2647           | 4.5-15.0          | 12.0               | 14300     | 0.26       | 12171                 | 1.487      | 90.8        | 11.34    | 63.5   | 610         | 8.5        |
| KC385SH-2460           | 6.0-15.0          | 12.0               | 11800     | 0.200      | 9952                  | 1.080      | 81.44       | 8.31     | 64.3   | 520         | 5.80       |
| KC385SHP-2176          | 9.0-28.0          | 26.0               | 19000     | 0.170      | 16406                 | 1.075      | 110.59      | 18.61    | 66.6   | 810         | 6.80       |
| KC385SHP-2080          | 9.0-28.0          | 12.0               | 7600      | 0.150      | 6264                  | 0.704      | 75.57       | 4.86     | 57.5   | 430         | 3.30       |
| KC385WHP-2085          | 6.0-28.0          | 12.0               | 6700      | 0.130      | 5546                  | 0.624      | 80.98       | 4.61     | 61.5   | 470         | 3.00       |
| KC385SH-1886           | 6.0-30.0          | 12.0               | 6700      | 0.110      | 5548                  | 0.530      | 71.37       | 4.06     | 63.9   | 415         | 2.55       |
| KC385SHP-17110         | 6.0-30.0          | 12.0               | 5000      | 0.080      | 4129                  | 0.379      | 66.16       | 2.80     | 61.5   | 380         | 1.80       |
| KC385S-16120           | 6.0-30.0          | 24.0               | 11800     | 0.120      | 9776                  | 0.580      | 85.76       | 8.60     | 61.8   | 500         | 2.80       |
| KC385SHP-15135         | 6.0-30.0          | 12.0               | 4000      | 0.075      | 3186                  | 0.294      | 61.03       | 1.99     | 56.6   | 300         | 1.15       |
| KC385SH-14150          | 12.0-30.0         | 24.0               | 8900      | 0.075      | 7456                  | 0.387      | 73.00       | 5.58     | 60.1   | 450         | 2.00       |
| KC385S-12190           | 6.0-30.0          | 10.0               | 2950      | 0.050      | 2224                  | 0.153      | 30.74       | 0.70     | 45.8   | 125         | 0.47       |
| KC385SH-12190          | 6.0-30.0          | 24.0               | 6050      | 0.050      | 4987                  | 0.235      | 65.02       | 3.33     | 59.1   | 370         | 1.10       |
| KC385SH-10220          | 9.0-30.0          | 24.0               | 6200      | 0.050      | 4970                  | 0.190      | 45.88       | 2.31     | 50.7   | 220         | 0.72       |
| KC385S-09320           | 9.0-30.0          | 24.0               | 4000      | 0.030      | 3136                  | 0.109      | 38.89       | 1.25     | 47.9   | 180         | 0.40       |
| General Test Tolerance |                   |                    | ±15%      |            |                       |            |             |          |        |             |            |

**Typical Application:** Massagers, Mini Fans, Hair Dryers, Motorized Plastic Models, Radio Control Models, Cleaners and More...